

WHAT IS CLAIMED IS:

1. A reshapable hair styling composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

2. The composition according to claim 1, wherein the composition further comprises a cosmetically acceptable vehicle.

3. The composition according to claim 1, wherein said at least one monomer recited in (a) is chosen from n-butyl (meth)acrylate, isobutyl (meth)acrylate, t-butyl (meth)acrylate, and 2-methylbutyl (meth)acrylate.

4. The composition according to claim 3, wherein said at least one monomer recited in (a) is chosen from n-butyl acrylate.

10023330-122001

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N.W.
WASHINGTON, DC 20005
202-408-4000

5. The composition according to claim 1, wherein said at least one monomer recited in (b) is chosen from 2-hydroxy ethyl (meth)acrylate and hydroxy propyl (meth)acrylate.

6. The composition according to claim 5, wherein said at least one monomer recited in (b) is chosen from 2-hydroxy ethyl methacrylate.

7. The composition according to claim 1, wherein said at least one co-polymerizable monomer recited in (c) is chosen from alkyl (meth)acrylate monomers, polar monomers, and ethylenically unsaturated free radically polymerizable monomers.

8. The composition according to claim 7, wherein said alkyl (meth)acrylate monomers are chosen from methyl (meth)acrylate, isobornyl (meth)acrylate, ethyl (meth)acrylate, isooctyl (meth)acrylate, and 2-ethyl hexyl (meth)acrylate.

9. The composition according to claim 8, wherein said alkylacrylate monomers are chosen from 2-ethyl hexyl acrylate.

10. The composition according to claim 7, wherein said polar monomers are chosen from (meth)acrylic acids, itaconic acids, N-vinyl pyrrolidones, N-vinyl caprolactams, (meth)acrylamides, dimethylaminoethyl (meth)acrylates, acrylonitriles, 2-carboxyethyl (meth)acrylates, maleic anhydrides, and methoxypolyethylene glycol 550 monoacrylates.

11. The composition according to claim 7, wherein said ethylenically unsaturated free radically polymerizable monomers are chosen from styrene and C₁-C₄ vinyl esters.

10023330-122001

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N.W.
WASHINGTON, DC 20005
202-408-4000

12. The composition according to claim 1, wherein said at least one (meth)acrylic copolymer is an emulsion.

13. The composition according to claim 1, wherein said at least one (meth)acrylic copolymer is crosslinked with at least one polyfunctional cross-linking agent.

14. The composition according to claim 13, wherein said at least one polyfunctional crosslinking agent is chosen from divinylbenzene, alkyl diacrylates, alkyl triacrylates, alkyl tetracrylates, and monoethylenically unsaturated aromatic ketones.

15. The composition according to claim 13, wherein said at least one polyfunctional crosslinking agent is chosen from multifunctional aziridine amides and metal ion crosslinkers.

16. The composition according to claim 12, wherein said emulsion has a pH less than or equal to 7.

17. The composition according to claim 1, wherein said at least one (meth)acrylic copolymer is chosen from nonionic and weakly anionic (meth)acrylic copolymers.

18. The composition according to claim 1, wherein said at least one (meth)acrylic copolymer is present in an amount ranging from about 0.01 to about 40 weight percent of the total weight percent of the composition.

19. The composition according to claim 18, wherein the amount of said at least one (meth)acrylic copolymer ranges from about 0.1 to about 15 weight percent.

wherein said composition provides a reshapable effect and is a rinse composition in a form chosen from sprays, aerosols, mousses, gels, lotions, creams, dispersions, and emulsions, with the proviso that (meth)acrylic copolymers derived

from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

24. An aerosol device comprising a vessel, which comprises:

(1) an aerosol composition, which provides a reshapable effect and comprises a liquid phase comprising at least one composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

- (a) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,
- (b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and
- (c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

and a propellant,

wherein said composition is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded and

(2) a dispenser.

25. A method of cosmetically treating hair, comprising applying to the hair before shaping of a hairstyle of said hair a composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

10023330-122001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

(a) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

26. A method of reshaping hair, comprising:

(1) applying to the hair before the initial shaping of the hairstyle a composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20

1003330-12001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded, and

(2) thereafter shaping the hairstyle at least once, wherein no additional composition or heat is needed.

27. A method of manufacturing a reshapable hair styling composition comprising including in a hair styling composition at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

28. A reshapable hair styling composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

1002330-12001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a fine composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

29. The composition according to claim 28, wherein said units derived from said at least one recited in (a) are present in an amount ranging from about 15 to about 50 weight percent.

30. The composition according to claim 28, wherein said units derived from said at least one recited in (b) are present in an amount ranging from about 2 to about 25 weight percent.

31. The composition according to claim 28, wherein said units derived from said at least one co-polymerizable monomer recited in (c) are present in an amount up to 80 weight percent.

32. The composition according to claim 28, wherein said units derived from said at least one co-polymerizable monomer recited in (c) are present in an amount up to 50 weight percent.

33. The composition according to claim 28, wherein said units derived from said at least one co-polymerizable monomer recited in (c) are present in an amount ranging from about 30 to about 80 weight percent.

100330-12001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

34. The composition according to claim 28, wherein the composition further comprises a cosmetically acceptable vehicle.

35. The composition according to claim 28, wherein said at least one monomer recited in (a) is chosen from n-butyl (meth)acrylate, isobutyl (meth)acrylate, t-butyl (meth)acrylate, and 2-methylbutyl (meth)acrylate.

36. The composition according to claim 35, wherein said at least one monomer recited in (a) is chosen from n-butyl acrylate.

37. The composition according to claim 28, wherein said at least one monomer recited in (b) is chosen from 2-hydroxy ethyl (meth)acrylate and hydroxy propyl (meth)acrylate.

38. The composition according to claim 37, wherein said at least one monomer recited in (b) is chosen from 2-hydroxy ethyl methacrylate.

39. The composition according to claim 28, wherein said at least one copolymerizable monomer recited in (c) is chosen from alkyl (meth)acrylate monomers, polar monomers, and ethylenically unsaturated free radically polymerizable monomers.

40. The composition according to claim 39, wherein said alkyl (meth)acrylate monomers are chosen from methyl (meth)acrylate, isobornyl (meth)acrylate, ethyl (meth)acrylate, isooctyl (meth)acrylate, and 2-ethyl hexyl (meth)acrylate.

41. The composition according to claim 40, wherein said alkylacrylate monomers are chosen from 2-ethyl hexyl acrylate.

10023330-122001

42. The composition according to claim 39, wherein said polar monomers are chosen from (meth)acrylic acids, itaconic acids, N-vinyl pyrrolidones, N-vinyl caprolactams, (meth)acrylamides, dimethylaminoethyl (meth)acrylates, acrylonitriles, 2-carboxyethyl (meth)acrylates, maleic anhydrides, and methoxypolyethylene glycol 550 monoacrylates.

43. The composition according to claim 39, wherein the ethylenically unsaturated free radically polymerizable monomers are chosen from styrene and C₁-C₄ vinyl esters.

44. The composition according to claim 28, wherein said at least one (meth)acrylic copolymer is an emulsion.

45. The composition according to claim 28, wherein said at least one (meth)acrylic copolymer is crosslinked with at least one polyfunctional cross-linking agent.

46. The composition according to claim 45, wherein said at least one polyfunctional crosslinking agent is chosen from divinylbenzene, alkyl diacrylates, alkyl triacrylates, alkyl tetracrylates, and monoethylenically unsaturated aromatic ketones.

47. The composition according to claim 45, wherein said at least one polyfunctional crosslinking agent is chosen from multifunctional aziridine amides and metal ion crosslinkers.

48. The composition according to claim 44, wherein said emulsion has a pH less than or equal to 7.

1003300-122001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

49. The composition according to claim 28, wherein said at least one (meth)acrylic copolymer is chosen from nonionic and weakly anionic (meth)acrylic copolymers.

50. The composition according to claim 28, wherein said at least one (meth)acrylic copolymer is present in an amount ranging from about 0.01 to about 40 weight percent of the total weight percent of the composition.

51. The composition according to claim 50, wherein the amount of said at least one (meth)acrylic copolymer ranges from about 0.1 to about 15 weight percent.

52. The composition according to claim 28, wherein said at least one (meth)acrylic copolymer has a T_g ranging from about -100 °C to about 15 °C.

53. The composition according to claim 28, further comprising at least one constituent chosen from reducing agents; silanes; fatty substances; thickeners; plasticizers; anti-foaming agents; hydrating agents; fillers; sunscreens; active haircare agents; perfumes; preservatives; cationic, anionic, nonionic, and amphoteric surfactants; cationic, anionic, nonionic, and amphoteric polymers; polyols; proteins; provitamins; vitamins; dyes; tints; bleaches; and pH adjusting agents.

54. The composition according to claim 53, wherein said at least one constituent is chosen from cationic, anionic, nonionic, and amphoteric polymers.

55. A reshapable hair styling composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

1002330-12001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition in a form chosen from sprays, aerosols, mousses, gels, lotions, creams, dispersions, and emulsions, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

56. An aerosol device comprising a vessel, which comprises:

(1) an aerosol composition, which provides a reshapable effect and comprises a liquid phase comprising at least one composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

and a propellant,

(2) a dispenser.

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

82

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded, and

(2) thereafter shaping the hairstyle at least once, wherein no additional composition or heat is needed.

59. A method of manufacturing a reshapable hair styling composition comprising including in a hair styling composition at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20

or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

60. A reshapable hair styling composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

61. The composition according to claim 60, wherein said units derived from said at least one monomer recited in (a) are present in an amount ranging from about 15 to about 50 weight percent.

62. The composition according to claim 60, wherein said units derived from said at least one monomer recited in (b) are present in an amount ranging from about 2 to about 25 weight percent.

100321-00000000

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

71. ~~The composition according to claim 69, wherein said at least one polyfunctional crosslinking agent is chosen from multifunctional aziridine amides and metal ion crosslinkers.~~

73. The composition according to claim 60, wherein said at least one (meth)acrylic copolymer is chosen from nonionic and weakly anionic (meth)acrylic copolymers.

74. The composition according to claim 60, wherein said at least one (meth)acrylic copolymer is present in an amount ranging from about 0.01 to about 40 weight percent of the total weight percent of the composition.

75. The composition according to claim 74, wherein the amount of said at least one (meth)acrylic copolymer ranges from about 0.1 to about 15 weight percent.

76. The composition according to claim 60, wherein said at least one (meth)acrylic copolymer has a T_g ranging from about -100 °C to about 15 °C.

77. The composition according to claim 60, further comprising at least one constituent chosen from reducing agents; silanes; fatty substances; thickeners; plasticizers; anti-foaming agents; hydrating agents; fillers; sunscreens; active haircare agents; perfumes; preservatives; cationic, anionic, nonionic, and amphoteric surfactants; cationic, anionic, nonionic, and amphoteric polymers; polyols; proteins; provitamins; vitamins; dyes; tints; bleaches; and pH adjusting agents.

78. The composition according to claim 77, wherein said at least one constituent is chosen from cationic, anionic, nonionic, and amphoteric polymers.

79. A reshapable hair styling composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers,

wherein said composition provides a reshapable effect and is a rinse composition in a form chosen from sprays, aerosols, mousses, gels, lotions, creams, dispersions, and emulsions, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

80. An aerosol device comprising a vessel, which comprises:

(1) an aerosol composition, which provides a reshapable effect and comprises a liquid phase comprising at least one composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers,

and a propellant,

wherein said composition is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded and

(2) a dispenser.

81. A method of cosmetically treating hair, comprising applying to the hair before shaping of a hairstyle of said hair a composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxyethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

82. A method of reshaping hair, comprising:

10023330-122001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

(1) applying to the hair before the initial shaping of the hairstyle a composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers,

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded, and

(2) thereafter shaping the hairstyle at least once, wherein no additional composition or heat is needed.

83. A method of manufacturing a reshapable hair styling composition comprising including in a hair styling composition at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

1002330-12001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

wherein said composition provides a reshapable effect and is a rinse composition, with the proviso that (meth)acrylic copolymers derived from a 65/15/20 or a 75/15/10 weight percent ratio of n-butylacrylate/ 2-hydroxyethylacrylate/ methylmethacrylate are excluded.

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(2) at least one surfactant,

85. The composition according to claim 84, wherein the composition further comprises a cosmetically acceptable vehicle.

86. The composition according to claim 84, wherein the composition is a shampoo.

94. The composition according to claim 93, wherein said alkyl (meth)acrylate monomers are chosen from methyl (meth)acrylate, isobornyl (meth)acrylate, ethyl (meth)acrylate, isooctyl (meth)acrylate, and 2-ethyl hexyl (meth)acrylate.

101. The composition according to claim 99, wherein said at least one polyfunctional crosslinking agent is chosen from multifunctional aziridine amides and metal ion crosslinkers.

109. A/reshapable hair styling composition comprising:

(iii) optional units derived from at least one co-polymerizable monomer other than said (i) and (ii) monomers, and

(2) a dispenser.

114. A method of reshaping hair, comprising:

(1) applying to the hair before the initial shaping of the hairstyle a composition comprising:

(A) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(i) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(ii) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(iii) optional units derived from at least one co-polymerizable monomer other than said (i) and (ii) monomers, and

(B) at least one surfactant,

wherein said composition provides a reshapable effect and is a rinse composition, and

(2) thereafter shaping the hairstyle at least once, wherein no additional composition or heat is needed.

115. The method according to claim 114, wherein the composition is a shampoo.

116. The method according to claim 114, wherein the composition is a conditioner.

117. A method of manufacturing a reshapable hair styling composition comprising including in a hair styling composition

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(2) at least one conditioning agent,

wherein said composition provides a reshapable effect and is a rinse composition.

121. The composition according to claim 120, wherein the composition further comprises a cosmetically acceptable vehicle.

122. The composition according to claim 120, wherein the composition is a shampoo.

123. The composition according to claim 120, wherein the composition is a conditioner.

124. The composition according to claim 120, wherein said at least one conditioning agent is chosen from cationic surfactants, cationic polymers, and silicones.

125. The composition according to claim 120, wherein said at least one monomer recited in (a) is chosen from n-butyl (meth)acrylate, isobutyl (meth)acrylate, t-butyl (meth)acrylate, and 2-methylbutyl (meth)acrylate.

126. The composition according to claim 125, wherein said at least one monomer recited in (a) is chosen from n-butyl acrylate.

127. The composition according to claim 120, wherein said at least one monomer recited in (b) is chosen from 2-hydroxy ethyl (meth)acrylate and hydroxy propyl (meth)acrylate.

128. The composition according to claim 127, wherein said at least one monomer recited in (b) is chosen from 2-hydroxy ethyl methacrylate.

129. The composition according to claim 120, wherein said at least one copolymerizable monomer recited in (c) is chosen from alkyl (meth)acrylate monomers,

polar monomers, and ethylenically unsaturated free radically polymerizable monomers.

130. The composition according to claim 129, wherein said alkyl (meth)acrylate monomers are chosen from methyl (meth)acrylate, isobornyl (meth)acrylate, ethyl (meth)acrylate, isooctyl (meth)acrylate, and 2-ethyl hexyl (meth)acrylate.

131. The composition according to claim 130, wherein said alkylacrylate monomers are chosen from 2-ethyl hexyl acrylate.

132. The composition according to claim 129, wherein said polar monomers are chosen from (meth)acrylic acids, itaconic acids, N-vinyl pyrrolidones, N-vinyl caprolactams, (meth)acrylamides, dimethylaminoethyl (meth)acrylates, acrylonitriles, 2-carboxyethyl (meth)acrylates, maleic anhydrides, and methoxypolyethylene glycol 550 monoacrylates.

133. The composition according to claim 129, wherein said ethylenically unsaturated free radically polymerizable monomers are chosen from styrene and C₁-C₄ vinyl esters.

134. The composition according to claim 120, wherein said at least one (meth)acrylic copolymer is an emulsion.

135. The composition according to claim 120, wherein said at least one (meth)acrylic copolymer is crosslinked with at least one polyfunctional cross-linking agent.

136. The composition according to claim 135, wherein said at least one polyfunctional crosslinking agent is chosen from divinylbenzene, alkyl diacrylates,

143. The composition according to claim 120, further comprising at least one constituent chosen from reducing agents; silanes; fatty substances; thickeners; plasticizers; anti-foaming agents; hydrating agents; fillers; sunscreens; active haircare agents; perfumes; preservatives; cationic, anionic, nonionic, and amphoteric surfactants; cationic, anionic, nonionic, and amphoteric polymers;

polyols; proteins; provitamins; vitamins; dyes; tints; bleaches; and pH adjusting agents.

144. The composition according to claim 143, wherein said at least one constituent is chosen from cationic, anionic, nonionic, and amphoteric polymers.

145. A reshapable hair styling composition comprising:

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

- (a) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,
- (b) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and
- (c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers, and

(2) at least one conditioning agent,

wherein said composition provides a reshapable effect and is a rinse composition in a form chosen from sprays, aerosols, mousses, gels, lotions, creams, dispersions, and emulsions.

146. An aerosol device comprising a vessel, which comprises:

(1) an aerosol composition, which provides a reshapable effect and comprises a liquid phase comprising at least one composition comprising:

(A) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

FOOTNOTES

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

148. The method according to claim 147, wherein the composition is a shampoo.

149. The method according to claim 147, wherein the composition is a conditioner.

150. The method according to claim 147, wherein said at least one conditioning agent is chosen from cationic surfactants, cationic polymers, and silicones.

151. A method of reshaping hair, comprising:

(1) applying to the hair before the initial shaping of the hairstyle a composition comprising:

(A) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(i) units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(ii) units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(iii) optional units derived from at least one co-polymerizable monomer other than said (i) and (ii) monomers, and

(B) at least one conditioning agent,

wherein said composition provides a reshapable effect and is a rinse composition, and

(2) thereafter shaping the hairstyle at least once, wherein no additional composition or heat is needed.

100221-000000

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

156. The method according to claim 155, wherein the composition is a shampoo.

157. The method according to claim 155, wherein the composition is a conditioner.

158. The method according to claim 155, wherein said at least one conditioning agent is chosen from cationic surfactants, cationic polymers, and silicones.

159. A reshapable hair styling composition comprising:

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from hydroxy alkyl (meth)acrylate monomers, and

(c) optional units derived from at least one co-polymerizable monomer other than said (a) and (b) monomers, and

(2) at least one surfactant,

wherein said composition provides a reshapable effect and is a rinse composition.

160. The composition according to claim 159, wherein the composition is a shampoo.

161. The composition according to claim 159, wherein the composition is a conditioner.

1002330-122001

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers, and

(2) at least one surfactant,

wherein said composition provides a reshapable effect and is a rinse composition.

167. The composition according to claim 166, wherein the composition is a shampoo.

168. The composition according to claim 166, wherein the composition is a conditioner.

169. The composition according to claim 167, wherein said at least one surfactant is present in an amount ranging from about 5% to about 30% weight percent.

170. A reshapable hair styling composition comprising:

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers, and

(2) at least one conditioning agent,

wherein said composition provides a reshapable effect and is a rinse composition.

171. The composition according to claim 170, wherein the composition is a shampoo.

172. The composition according to claim 170, wherein the composition is a conditioner.

173. A reshapable hair styling composition comprising:

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 10 to about 90 weight percent of units derived from at least one monomer chosen from n-butyl (meth)acrylate monomers,

(b) from about 2 to about 50 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl (meth)acrylate monomers, and

(c) up to about 80 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl (meth)acrylate monomers,

(2) at least one conditioning agent, and

(3) at least one surfactant,

wherein said composition provides a reshapable effect and is a rinse composition.

10033330-120001

(1) at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 30 to about 40 weight percent of units derived from at least one monomer chosen from n-butyl acrylate monomers,

(b) from about 2 to about 10 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl methacrylate monomers, and

(c) from about 50 to about 70 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl acrylate monomers, and

(2) at least one surfactant,

wherein said composition provides a reshapable effect and is a rinse composition.

180. The composition according to claim 179, wherein the composition is a shampoo.

181. The composition according to claim 179, wherein the composition is a conditioner.

182. The composition according to claim 180, wherein said at least one surfactant is present in an amount ranging from about 5% to about 30% weight percent.

183. A reshapable hair styling composition comprising at least one (meth)acrylic copolymer, wherein said at least one (meth)acrylic copolymer comprises:

(a) from about 30 to about 40 weight percent of units derived from at least one monomer chosen from n-butyl acrylate monomers,

(b) from about 2 to about 10 weight percent of units derived from at least one monomer chosen from 2-hydroxy ethyl methacrylate monomers, and

(c) from about 50 to about 70 weight percent of units derived from at least one monomer chosen from 2-ethyl hexyl acrylate monomers,

wherein said composition provides a reshapable effect and is a rinse composition.

add
aa1

10023330-102001

LAW OFFICES

FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000